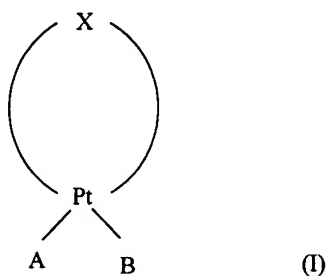


REMARKS

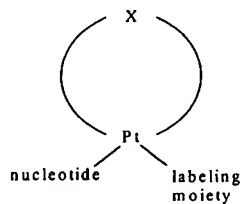
Applicants have canceled Claims 1-22 and added new Claims 23-137. Therefore, Claims 23-137 are currently pending.

In the parent case, U.S. Serial Number 09/402,707, the allowed claims provide a method for labeling a nucleotide using a linker having formula 1:



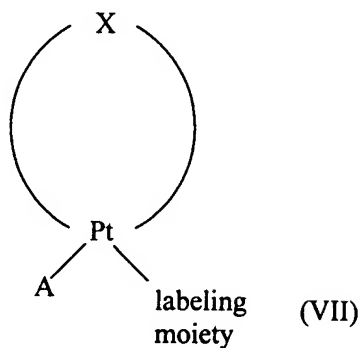
These claims issued on January 15, 2002 as U.S. Patent 6,338,943 B1.

New Claims 23-42 relate to a labeled nucleotide having the formula:

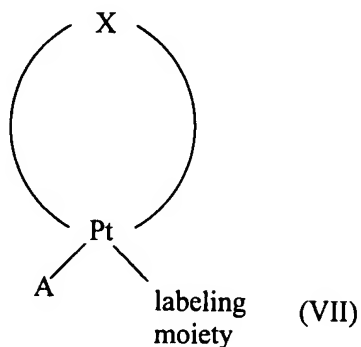


The labeled nucleotide comprises an aliphatic diamine and a labeling moiety, which comprises a label and a spacer.

Claims 43-67 provide a method for preparing a labeled nucleotide by treating a nucleotide with a labeling substance having formula VII:



Claims 68-92 are directed to a labeling substance having formula VII:

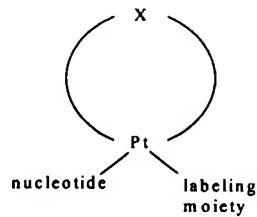


The labeling substance comprises an aliphatic diamine, a reactive moiety capable of reacting with a nucleotide, and a labeling moiety.

Claims 93-117 relate to a kit for labeling a nucleotide. The kit contains a nucleotide and a labeling substance having formula VII.

Claims 118-137 are directed to a kit for producing a labeled nucleic acid from a labeled nucleotide having the formula:

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and unlabeled nucleotides.

No new matter has been added.

Examination of the application on its merits is now respectfully requested.

Respectfully submitted,

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